

IN THE CLAIMS:

Please amend Claims 1, 2, 5,6, 8, 9,12 and 13 as follows.

1. (Currently Amended) A radiation image photographing apparatus ~~for detecting~~
configured to detect radiation comprising:

a radiation detecting panel ~~for converting~~ configured to convert received radiation
into an electrical signal;

a support substrate ~~for supporting~~ configured to support the radiation detecting
panel, with a plurality of openings formed on a side of the support substrate opposite to a surface
supporting the radiation detecting panel; and

a housing ~~for containing~~ configured to contain the radiation detecting panel and
the support substrate[[:]],

wherein [[a]] the surface of the support substrate ~~for supporting~~ configured to
support the radiation detecting panel is ~~made flat, and a plurality of openings are formed on a~~
~~side of a surface of the support substrate, which is opposite to the surface of the support substrate~~
~~for supporting the radiation detecting panel in a thickness direction~~ flat.

2. (Currently Amended) An apparatus according to claim 1, further comprising a first
reinforcing plate ~~for reinforcing~~ configured to reinforce the support substrate,

and wherein the first reinforcing plate is fixed such that the openings can be covered with the first reinforcing plate.

3. (Original) An apparatus according to claim 2, wherein the first reinforcing plate is formed of fiber-reinforced plastics, fiber-reinforced metal, or aluminum alloy.

4. (Original) An apparatus according to claim 2, wherein an opening is provided in a portion of the first reinforcing plate.

5. (Currently Amended) An apparatus according to claim 4, further comprising a circuit board which is interposed between the first reinforcing plate and a lower portion of the housing, and to which an electrical component ~~for controlling~~ configured to control the radiation detecting panel is mounted, and wherein a portion of the electrical component is inserted in the opening of the first reinforcing plate.

6. (Currently Amended) An apparatus according to claim 1, further comprising a second sensor ~~for detecting~~ configured to detect the amount of radiation, and wherein the second sensor is inserted in the opening of the support substrate.

7. (Original) An apparatus according to claim 6, wherein the second sensor is comprised of a plurality of divided detecting devices, and the detecting devices are inserted in the openings which are independently formed, respectively.

8. (Currently Amended) An apparatus according to claim [[1]] 2, further comprising a second reinforcing plate ~~for oppressing~~ configured to oppress warp due to a difference in between a linear expansion coefficient ~~between~~ of the first reinforcing plate and a linear expansion coefficient of the support substrate, and wherein the second reinforcing plate is ~~fixed~~ to located between the support substrate ~~on a side of~~ and the radiation detecting panel.

9. (Currently Amended) An apparatus according to claim 8, wherein ~~the~~ a linear expansion coefficient of the second reinforcing plate has ~~digit of index number~~ the same order of magnitude as the linear expansion coefficient of the first reinforcing plate.

10. (Original) An apparatus according to claim 8, wherein the second reinforcing plate is formed of a fiber-reinforced plastics, tungsten, tantalum, or molybdenum.

11. (Original) An apparatus according to claim 8, wherein the second reinforcing plate is a radiation shielding member.

12. (Currently Amended) An apparatus according to claim 1, wherein the radiation detecting panel is constructed by layering a fluorescent member ~~for converting~~ configured to convert radiation into visible light, a grid-like arranged optoelectrical converting device ~~for converting~~ configured to convert the visible light into an electrical signal, and a substrate on a surface of which the optoelectrical converting device is formed.

13. (Currently Amended) A radiation image photographing apparatus ~~for detecting~~ configured to detect radiation comprising:

a radiation detecting panel ~~for converting~~ configured to convert received radiation into an electrical signal;

a support substrate ~~for supporting~~ configured to support the radiation detecting panel, the support substrate having a hollow structure formed by a plurality of spaces; and

a housing ~~for containing~~ configured to contain the radiation detecting panel and the support substrate;

wherein a surface of the support substrate ~~for supporting~~ configured to support the radiation detecting panel is made flat, ~~and the support substrate is shaped into a hollow structure.~~